

What Is Claimed Is:

1. A vehicle using wind force having a wind force power system, wherein the vehicle includes an battery charged with electricity, and a driving motor electrically connected to a battery and connected to driving wheels, for transferring rotary force to the driving wheels, the wind force power system, comprising:

a ventilator formed in a trunk lead in the rear of the vehicle, wherein the ventilator is rotated by the wind that flows along a roof panel;

a shaft connected to the ventilator and fixed to the body of the vehicle, wherein the shaft is supported by a support in which permanent magnets are formed;

a disk type rotary gear coupled to the bottom of the shaft;

a disk type plate disposed opposite to the support on the shaft between the ventilator and the disk type rotary gear coupled to the shaft, wherein the disk type plate has the permanent magnets at the bottom in the same polarity as the permanent magnet formed in the opposite side of the support and is levitated by repulsion force;

a follower gear engaged with the disk type rotary gear; and

an electric generator for generating electricity as the follower gear rotates,

wherein the electric generator of the wind force power system is electrically connected to the battery and the battery is
5 electrically connected to the driving motor.

2. The vehicle using wind force claimed in claim 1, wherein the wind force power system is additionally disposed at a trunk panel in the rear of the vehicle, the wind force power system,
10 comprising:

an intercooler disposed in the hood panel in the front of the vehicle;

a ventilator that is rotated by the wind introduced through the intercooler, wherein the ventilator is disposed within the hood
15 panel;

a shaft connected to the ventilator and fixed to the body of the vehicle, wherein the shaft is supported by a support in which permanent magnets are formed;

a disk type rotary gear coupled to the bottom of the shaft;

20 a disk type plate disposed opposite to the support on the shaft between the ventilator and the disk type rotary gear coupled to the shaft, wherein the disk type plate has the permanent magnets

at the bottom in the same polarity as the permanent magnet formed in the opposite side of the support and is levitated by repulsion force;

a follower gear engaged with the disk type rotary gear; and

5 an electric generator for generating electricity as the follower gear rotates.

3. The vehicle using wind force claimed in claim 1, further comprising one or more ventilation tubes for ventilating the wind
10 from the front of the vehicle to the rear of the vehicle, wherein the ventilation tubes are fixed to the body of the vehicle,

wherein wind-swept place projections are formed on the disk type plate coupled to the shaft in equal distance in all directions,

an outlet of each of the ventilation tubes is curved in the
15 rotary direction of the shaft, whereby the outlet is oriented toward the wind-swept place projection and a disk type rotary gear fixed to the bottom of the shaft is made to rotate, increasing the amount of electric power of an electric generator.

20 4. The vehicle using wind force claimed in claim 1 or 2, wherein the permanent magnets formed in the top girth element of the support that supports the shaft of the wind force power system,

and the permanent magnets formed in the bottom girth element of the disk type plate coupled to the shaft are disposed opposite to each other, and

the permanent magnets are disposed with inclination in the rotary direction of the shaft are disposed to face one another in the same polarities so that they can relatively move, whereby the members connected to the shaft have the rotary force by means of the repulsion force of the permanent magnets.

5. The vehicle using wind force claimed in claim 1 or 2, wherein the disk type rotary gear of the wind force power system is connected to a motor, wherein the motor is disposed on the top of the roof panel of the vehicle or at a predetermined location of the top of the roof panel, electrically connected to the charger charged with electricity through a solar heat charging plate supported by the support bar and driven by solar heat, whereby the motor helps the disk type rotary gear to rotate, increasing the amount of electric power of the electric generator.